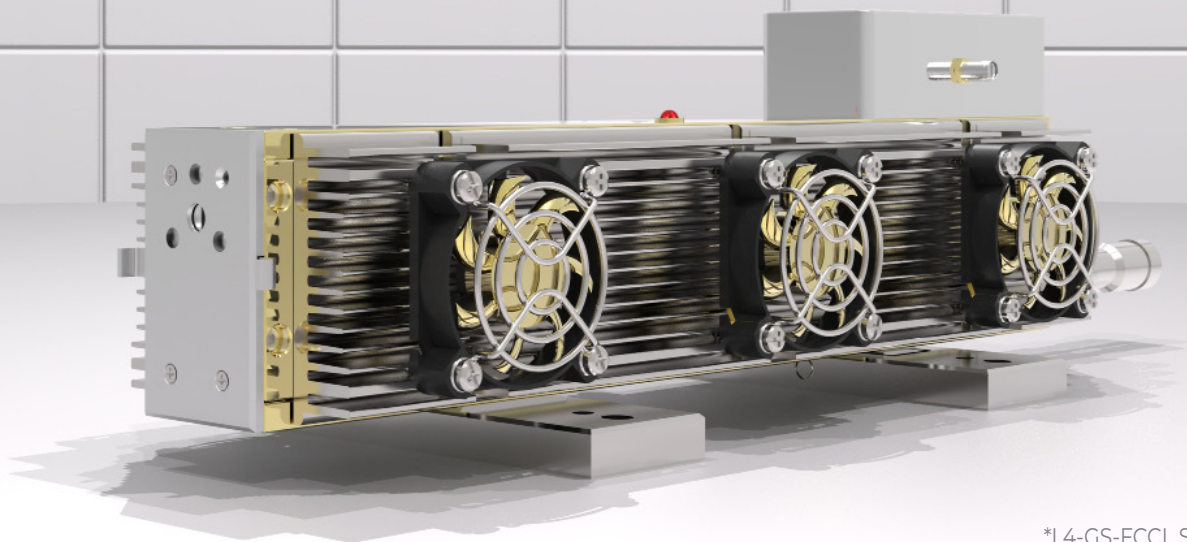


L4SL



*L4-GS-FCCL Shown

Laser Power

Wavelength	10.5 - 10.7 μm
CW Power	1 W
Peak Power	1 W
Power Stability	$\pm 2\%$

Beam Characteristics

Beam Waist Diameter	2.4 mm
Waist Location	Output Coupler
Mode Quality	$M^2 \leq 1.1$
Full Divergence Angle	5.5 mrad
Rise and Fall time	200 μs
Polarization	$\geq 100:1$ Linear Horizontal

Pulse Width Modulation Parameters

Duty Cycle	0-100 %
Pulse Repetition Frequency	0-100 kHz

DC Power Requirements

RF Driver	12 V
TCA2	12 V

Dimensions & Weight

Laser Weight	9 lbs
Dimensions L x W x H	13.1 x 4.3 x 3.7 Inch
RF Driver Weight	0.5 lbs

Heat & Cooling

Heat Dissipation	≤ 120 W
Cooling Requirement	Fan Cooled Closed Loop
Working Temperature	5 $^{\circ}\text{C}$ to 40 $^{\circ}\text{C}$

Notes

Power Stability calculated in CW at thermal equilibrium

$$\pm \frac{P_{max} - P_{min}}{P_{max} + P_{min}} \quad \frac{1}{e^2}$$

Beam specifications measured

Average power may exceed listed value. All specifications are measured at the strongest line and are subject to change without notice.



ACCESS LASER
 Member of the TRUMPF Group

